

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-42044

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Ophelia 27

8. Well Number 501H

9. OGRID Number
7377

10. Pool name or Wildcat
Bradley; Bone Spring

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc.

3. Address of Operator
P.O. Box 2267 Midland, TX 79702

4. Well Location
Unit Letter G : 2420 feet from the North line and 1675 feet from the East line
Section 27 Township 26S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3283' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☒ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests a change in the approved APD for this well to reflect a change in casing design.

New casing design and details attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 10/22/14

Type or print name Stan Wagner E-mail address: PHONE: 432-686-3689

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 10/23/14

Conditions of Approval (if any):

OCT 23 2014

Permit Information:

Well Name: Ophelia 27 No. 501H

Location:

SL: 2420' FNL & 1675' FEL, Section 27, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2410' FSL & 1700' FEL, Section 22, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
12.25"	0-1120'	9.625"	40#	J55	LTC	1.125	1.25	1.60
8.75"	0'-15,819'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1120'	400	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
15,819'	750	10.2	3.43	Class C + 10 lb/sk Q-Cell beads + 1.5% BWOW salt + 2 lb/sk Kol-seal + .125 lb/sk Pol-E-Flake + .5 lb/sk Halad-9 + .25 lb/sk D-Air 5000 + .55 lb/sk HR-601 + .2% BWOC SA-1015 (TOC @ surface)
	300	11.5	2.76	Class H + 10% bent + 5 lb/sk Cal-seal 60 + .2% BWOC Fe-2 + 3 lb/sk Kol-seal + .25 lb/sk Pol-E-Flake + .25 lb/sk D-Air 5000 + .1% BWOC SA-1015 + 1% BWOW salt
	1100	14.4	1.33	Class H + 2% bent + .7% Halad-9 + .2% FWCA + 3% BWOW salt + 5 lb/sk Microbond + .15% BWOC HR-601

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1120'	Fresh - Gel	8.6-8.8	28-34	N/c
1120' - 10,542'	DOBM	8.7-9	40-70	6-10
10,542' - 15,646' Lateral	DOBM	8.7-9	40-70	6-10

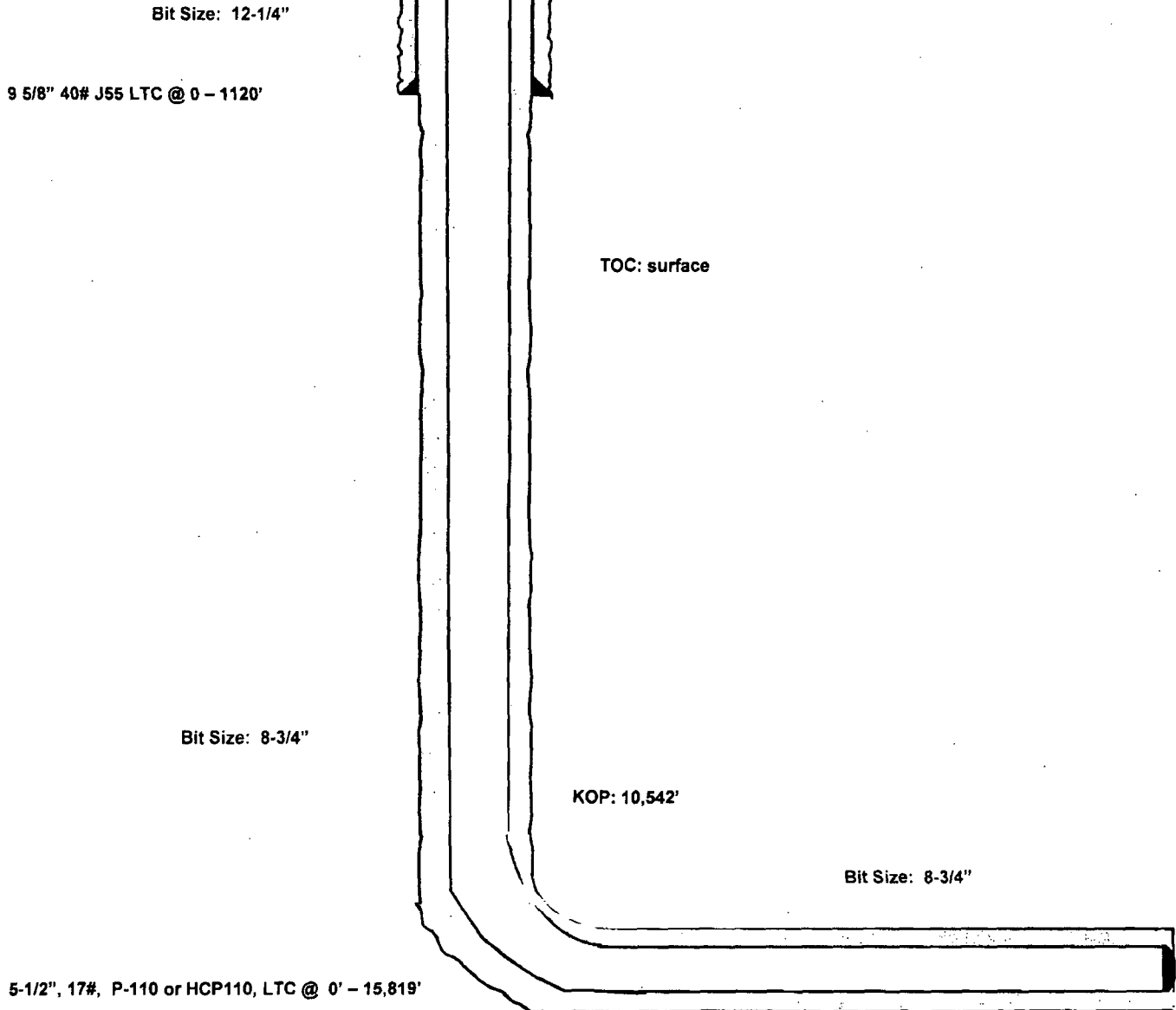
Ophelia 27 #501H
Lea County, New Mexico

2420' FNL
1675' FEL
Section 27
T-26-S, R-33-E

Proposed Wellbore

API: 30-025-42044

KB: 3,308'
GL: 3,283'



Lateral: 15,819' MD, 11,020' TVD

BH Location: 2410' FSL & 1700' FEL
Section 22
T-26-S, R-33-E